

Agenda Item: Item 1

Meeting Date: November 17, 2006

## Indicators and Performance Measures

---

**Summary:** The CALFED implementing agencies have prepared the Draft Phase 1 Report: Core Indicators and Plan as part of a renewed effort to develop indicators and performance measures to report on progress towards CALFED Program goals. Agency staff will present information from the draft report to the ISB in preparation for the ISB fulfilling its charge to evaluate and approve performance measures.

**Action:** Science Program and implementing agency staff request the ISB identify the information it needs to carry out its charge regarding performance measures.

---

**Background:** A specific charge to the ISB is to approve performance measures. The charge states the ISB will “Evaluate and provide final approval of performance measures for the Bay-Delta Program, assuring scientific rigor and balanced interpretation of each measure and its updates.”

Among the CALFED Bay-Delta Program 10 Year Action Plan commitments are to initiate performance-based program management and strengthen fiscal management and tracking. Identifying indicators and performance measures and executing the necessary data collection and processing are components of performance-based management. The Science Program's role in the performance measure effort is facilitating cross-program integration, ensuring a sound scientific basis and providing independent scientific review. The scientific emphasis is on outcome indicators (and subset identified as Level 3 performance measures), the associated driver indicators (and subset identified as Level 2 performance measures) and the conceptual models linking the two. Other aspects of performance measures and fiscal and performance-based management and tracking will be coordinated by the new CALFED Program Performance and Tracking unit.

The CALFED Program recently hired a deputy director for Program Performance and Tracking, Susan Garrett-Dukes. She and her staff will be responsible for working with CALFED implementing agencies to achieve the overall 10-Year Action Plan commitment for fiscal and performance-based management and tracking. One of her first steps in that effort is obtaining signatures from CALFED agency directors on a Program Performance Measurement and Tracking Program Charter to ensure support for the effort.

The 10-Year Action Plan gives responsibility to the CALFED implementing agencies to develop performance measures with guidance and scientific review provided by

the CALFED Science Program. In response, the CALFED implementing agencies formed a subcommittee to direct the development of indicators and performance measures related to the Program objectives and goals. Within the performance measures subcommittee, four subgroups were formed, one for each of the four CALFED objectives: water supply reliability; water quality; ecosystem restoration; and levee system integrity. A technical workgroup was also formed to oversee the integration of various subgroup efforts.

CALFED implementing agencies are using a phased approach to develop indicators and performance measures. The objectives for the initial task (Phase 1) are to identify primary program performance objectives, select a core set of indicators (outcomes and drivers), determine the availability and comprehensiveness of conceptual models and monitoring data, and develop a schedule and plan (including additional resources needed) to collect, compile, analyze and report on indicator data. The attached draft document, Phase 1 Report: Core Indicators and Plan, (Attachment 1) summarizes the activities to date for the first phase. An appendix to the report (Attachment 2) provides further detail and documentation.

An agency representative will provide the status for each of the four program objective subgroups. The Draft Phase 1 Report shows that the subgroups have differing levels of progress toward performance measures development. Some groups have been able to describe a plan and schedule to complete the work with existing resources; other subgroups have not yet chosen a full core set of indicators. All subgroups recognize the need for additional resources in order to analyze and report on existing monitoring data, identify gaps, and develop and implement additional monitoring programs.

**Question to ISB:**

- What information does the ISB need in order to fulfill its charge to “Evaluate and provide final approval of performance measures for the Bay-Delta Program, assuring scientific rigor and balanced interpretation of each measure and its updates”?

**Attachments:**

Attachment 1 – Phase 1 Report: Core Indicators and Plan

Attachment 2 – Phase 1 Report: Appendix

More detailed information is available at:

<http://science.calwater.ca.gov/monitoring/monitoring.shtml#>

**Program contact:**

Lauren Hastings  
Program Manager II  
CALFED Science Program  
[hastings@calwater.ca.gov](mailto:hastings@calwater.ca.gov)

Phone: (916) 445-5026